

### Amendments to the Specification

The first paragraph of the specification under the heading Cross-Reference to Related Application (as added by Preliminary Amendment) is amended as follows:

This application ~~claims the benefit and priority to and~~ is a U.S. National Phase of PCT International Application Number PCT/DK2005/000132, filed on February 25, 2005, designating the United States of America and published in the English language, which claims priority under 35 U.S.C. § 119 to Denmark Application Number PA 2004 00305 filed on February 26, 2004. The disclosures of the above-described applications are hereby incorporated by reference in their entirety.

Page 6, line 15 of the application (paragraph 0046 of the published version of the present application) is amended as shown in the attached paragraph:

[0046] The genetic analysis may e.g. comprise processes such as incubation with restriction enzymes, nucleic acid amplification such as the PCR process, electrophoresis, and detection such as e.g. fluorescence detection or electrochemical detection. The PCR process and the detection may e.g. be performed according to the methods and using the kits described in the co-pending PCT application "Method, kit and system for enhanced nested PCR" having the Application No. ~~YYYYYYY~~ PCT/DK2005/000131 (WO2005/083114 A1), which is incorporated herein by reference.